

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/531,769
Source: PCT
Date Processed by STIC: 1-26-06

ENTERED



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/531,769

DATE: 01/26/2006
TIME: 08:53:41

Input Set : A:\u015739-4dec12.txt
Output Set: N:\CRF4\01262006\J531769.raw

3 <110> APPLICANT: SHESTIBRATOV, Konstantin Aleksandrovich
 4 DOLGOV, Sergey Vladimirovich
 6 <120> TITLE OF INVENTION: Method for producing a transgenic plant with the
 aid of
 7 Agrobacterium tumefaciens
 9 <130> FILE REFERENCE: U 015739-4
 11 <140> CURRENT APPLICATION NUMBER: 10/531,769
 12 <141> CURRENT FILING DATE: 2005-04-19
 14 <150> PRIOR APPLICATION NUMBER: PCT/RU03/00439
 15 <151> PRIOR FILING DATE: 2003-10-15
 17 <160> NUMBER OF SEQ ID NOS: 4
 19 <170> SOFTWARE: PatentIn version 3.3
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 962
 23 <212> TYPE: DNA
 24 <213> ORGANISM: ARTIFICIAL SEQUENCE
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: DNA fragment containing thaumatin II gene
 29 <400> SEQUENCE: 1
 30 tctagactcg aggaattcta tggccggccac cacttgcttc ttcttcctct tccccttcct 60
 32 cctccctcctc acgtctccccc gcgctgcac cttcgagatc gtcaaccgct gtcctacac 120
 34 cgtgtggcg gccgcctcca aaggcgacgc cggccctggac gcccggcgcc gccagctcaa 180
 36 ctcggagag tccctggacca tcaacgtaga acccggcacc aagggtggca aaatctggc 240
 38 ccgcaccgc acgttatttcg acgacagcgg cccggcata tgcgggaccg gcgactgcgg 300
 40 cggccctcctc cagtgcagaac gcttcggccg gccgcccacc acgctggcgg agttctcgct 360
 42 caaccagtagc ggcaaggact acatcgacat ctccaaacatc aaaggcttca acgtgcccgt 420
 44 ggacttcagc ccgaccacgc gcggctgccc cgggggtgcgg tgcggcccg acatcggtgg 480
 46 gcagtgcggc gcaagctga aggccgggg ggggtggttgc aacgatgcgt gcaccgtgtt 540
 48 ccagacgagc gactactgct gcaccacggg gaagtgcggg ccgacggagt actcgcgtt 600
 50 cttcaagagg ctttgcggg acggcgttcag ttatgtcctg gacaagccaa ccaccgtcac 660
 52 ctgccccggc agctccaact acagggtcac tttctgcctt actgcccctt aacttgaaga 720
 54 cgagtaagag gatgaagacg gacactgagg atacgcaata aaagaataag atgataagca 780
 56 attatatcaa taaaaagggt acgtggttt cgtcgagaag gcatcagctt gggagggaaaa 840
 58 gtgttataaa atatgtgtgt ggggattggc taattaaact tgtaaaatat aaataaaagt 900
 60 tctccgtttt gaggtgtgcc tgcagtcatg tttgacagct tatcatcgat aagcttggat 960
 62 cc 962
 65 <210> SEQ ID NO: 2
 66 <211> LENGTH: 13818
 67 <212> TYPE: DNA
 68 <213> ORGANISM: ARTIFICIAL SEQUENCE
 70 <220> FEATURE:
 71 <223> OTHER INFORMATION: Binary vector for plant transformation via
 Agrobacterium tumefaciens
 72 ens

74 <400> SEQUENCE: 2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,769

DATE: 01/26/2006

TIME: 08:53:41

Input Set : A:\u015739-4dec12.txt

Output Set: N:\CRF4\01262006\J531769.raw

75	tgagcgtcgc aaaggcgtc ggtcttcgtc tgctcgtcgg tgatgtactt caccagctcc	60
77	gcgaagtcgc tcttcttgcat ggagcgtc gggacgtgc tgccaatcac ggcacccccc	120
79	cggccgtttt agcggctaaa aaagtcatgg ctctgcgc gggcgacca cggccatcat	180
81	gaccttgcac agctcgtcct gcttcttgc gatctcgc agcagggcga ggatcgtggc	240
83	atcaccgaac cgcggcgtgc gcggtcgtc ggtgagccag agtttcagca ggccgcccag	300
85	gcggcccccagg tcgcccattga tgcgggcccag ctgcggacg tgctcatagt ccacgacgccc	360
87	cgtgattttg tagccctggc cgacggccag caggtaggcc gacaggctca tgccggccgc	420
89	cgcgcctttt tcctcaatcg ctcttcgttc gtctggaaagg cagtagacact tgatagtg	480
91	gctgccttc ctgggtggct tggttcatc agccatccgc ttgcctcat ctgttacgccc	540
93	ggcggttagcc ggccagcctc gcagagcagg attcccggtt agcaccgcca ggtgcgaata	600
95	agggacagtg aagaaggaac acccgctcgc gggtgggcct acttcaccta tcctgcggc	660
97	ctgacgcgtg tggatacacc aagggaaagtc tacacgaacc ctttggcaaa atcctgtata	720
99	tcgtgcgaaa aaggatggat ataccgaaaa aatcgctata atgaccccgaa agcagggtta	780
101	tgcacgcggaa aacgcgcacg ctccccgaag ggagaaaggc ggacaggat cccgtaaagcg	840
103	gcagggtcgg aacaggagag cgacacgaggg agttccagg ggaaacgc tggtatctt	900
105	atagtcctgt cgggtttcgc caccctgtac ttgagcgtcg attttgtga tgctcgtcag	960
107	ggggccggag cctatggaaa aacgcgcagca acgcggcctt ttacgggtt cttggccttt	1020
109	gctggccttt tgctcacatg ttcttcctg cgttatcccc tgattctgtg gataaccgt	1080
111	ttaccgcctt tgagttagct gataaccgc gccgcagccg aacgaccgag cgcagcgagt	1140
113	cagttagcga ggaagcggaa gagcgcgcaga aggcgcgcag agaggccgag cgcggccgtg	1200
115	aggcttggac gcttagggcag ggcattggaaa agcccgtagc ggctgtctac gggcgtctga	1260
117	cgcgtggaa agggggaggg gatgttgct acatggctc gctgttagtga gtgggttgcg	1320
119	ctccggcagc ggtcctgatc aatcgtcacc ctttctcggt cttcaacgt tcctgacaac	1380
121	gagcctcctt ttgcccaatc catcgacaat caccgcgagt ccctgctcga acgctcgctc	1440
123	cgaccggcgt tcgtcgaagg cgtctatcgc ggccgcac acgcggcgaga gcccgcgt	1500
125	ttcaacgggt cccgcgcgt cgccggcata gctgtcgc gctgtctcc caagcacggc	1560
127	cccaacagtg aagtagctga ttgtcatcag cgcattgcacg gctgtccccgg cggaaaaacc	1620
129	cgcctcgcag aggaagcggaa gctgcgcgtc ggccgttcc atctgcgggt cgcggcgt	1680
131	cgtgcggca tggatgcgcg cgcattgcgc gtaggcgacg agcgcgtcc tgaagctgcg	1740
133	ggcattcccc atcagaatg agcgcgcgtc gtcgtcggt ctcggcaccc aatgcgtat	1800
135	atttcgcgc acgtggctt cgcccagtgc gtcgacgc gcccgttgc tcctgaagt	1860
137	ccagtaaagc gcccgtgtc gaaaccccaa cgttccgc acgttgcgtg tcgtcagacc	1920
139	gtctacgcgc acctcgatca acagggtccag ggcggcacgg atcaactgtat tcggctgca	1980
141	ctttgtcatg cttgacactt tattactgtat aaacataata tgcacccacaa ttatcagt	2040
143	ataaagaatc cgcgcgttca atcgaccacg cggaggctgg tccggaggcc agacgtaaa	2100
145	cccaacatac ccctgatgt aattctgagc actgtcgcc tcgacgcgtc cggcatcgcc	2160
147	ctgattatgc cgggtcgtcc gggcctcctg cgcgatctgg ttcaactcgaa cgacgtcacc	2220
149	gcccaactatg gcattctgt ggcgtgtat gctgtgtgc aatttgcctg cgcacgtgt	2280
151	ctggcgcgc tgcggatcg ttccggcgg cggccaaatc tgcgtctc gtcggccggc	2340
153	gccagatctg gggaaaccctg tgggtggcat gcacataaa atggacgaaac ggataaaacct	2400
155	tttacgcgc tttaaatatt cgcattattc taataaacgc tctttctct taggttacc	2460
157	cgccaaatata tcctgtcaaa cactgtatgt taaaactgaa ggcgggaaac gacaatctga	2520
159	tcatgagcgg agaattaagg gatgcacgtt atgaccccg ccatgacgc gggacaagcc	2580
161	gtttacgtt tggaaactgac agaaccgc ggttgaagg gcaactcgc cgcgggtt	2640
163	tggagttaa tgagctaagc acatacgta gaaaccat tgcgtcgatc aaaagtgcgc	2700
165	taaggtcact atcagctagc aaatatttct tgcacccat gctccactga cgttccataa	2760
167	attccctcg gatccaatt agagtctcat attcaactc aatccaaata atctgcacccg	2820
169	gatctggatc gtttcgcatg attgaacaag atggattgca cgcagggtt cccggccgtt	2880
171	gggtggagag gctattcgcc tatgactggg cacaacagac aatcggtcgc tctgtatgcgc	2940

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,769

DATE: 01/26/2006

TIME: 08:53:41

Input Set : A:\u015739-4dec12.txt
 Output Set: N:\CRF4\01262006\J531769.raw

173	ccgtgttccg	gctgtcagcg	cagggcgcc	cggttcttt	tgtcaagacc	gacctgtccg	3000
175	gtgcctgaa	tgaactgcag	gacgaggcag	cgccgcatac	gtggctggcc	acgacggcg	3060
177	ttccttgcgc	agctgtgtc	gacgttgtca	ctgaagcggg	aaggactgg	ctgctattgg	3120
179	gcgaagtgcc	ggggcaggat	ctcctgtcat	ctcaccttgc	tcctgccgag	aaagtatcca	3180
181	tcatggctga	tgcaatgcgg	cggctgcata	cgcttgcata	ggctacactgc	ccattcgacc	3240
183	accaagcgaa	acatcgcatc	gagcgagcac	gtactcgat	ggaagccgg	cttgcgatc	3300
185	aggatgatct	ggacgaagag	catcaggggc	tcgcgcacgc	cgaactgttc	gccaggctca	3360
187	aggcgcgcat	gcccgcacggc	gatgatctcg	tcgtgaccca	tggcgatgcc	tgcttgcgaa	3420
189	atatcatggt	ggaaaatggc	cgctttctg	gattcatcga	ctgtggccgg	ctgggtgtgg	3480
191	cggaccccta	tcaggacata	gcgttggcta	cccgtgat	tgtgaagag	cttggcgccg	3540
193	aatgggctga	ccgcttcctc	gtgtttaacg	gtatcgccgc	tcccgattcg	cagcgcatacg	3600
195	ccttctatcg	ccttcttgac	gagttttct	gagcggact	ctggggttcg	aaatgaccga	3660
197	ccaagcgacg	cccaacctgc	catcacgaga	tttcgattcc	accgcgcct	tctatgaaag	3720
199	gttgggcttc	ggaatcgtt	tccgggacgc	cggctggat	atcctccagc	gcggggatct	3780
201	catgctggag	ttcttcgccc	acgggatctc	tcgcgaacag	gcccgtcgaa	gtgcccata	3840
203	cattacgaca	gcaacggccg	acaagcacaa	cgccacatc	ctgagcgaca	atatgatcg	3900
205	gccccggcgtc	cacatcaacg	gcgtcgccgg	cgactgccc	gcaagacccg	agatgcaccc	3960
207	cgatatcttgc	ctgcgttcgg	atatttcg	ggagttcccg	ccacagaccc	ggatgatccc	4020
209	cgatcgatca	aacatttggc	aataaagttt	cttaagattt	aatcctgttg	ccggcttgc	4080
211	gatgatttac	atataatttc	tgttgaatta	cgtaagcat	gtaataatta	acatgtat	4140
213	catgacgtt	tttatgagat	gggtttttat	gattagagtc	ccgcaattat	acatttaata	4200
215	cgcgatagaa	aacaaaat	agcgcgcaaa	ctaggataaa	ttatcgccgc	cggtgtcata	4260
217	tatgttacta	gatcgccct	cctgtcaat	ctggcgccgg	ctctgggtgt	gttctgggt	4320
219	gcggctctga	gggtgggtggc	tctgagggtg	gcggctctga	gggtggcgcc	tctgagggtg	4380
221	gcgggtccgg	tgggtggctct	ggtccgggtg	atttgatta	tggaaatgt	gcaaacgcta	4440
223	ataagggggc	tatgaccgaa	aatgcccata	aaaacgcgt	acagtctgac	gctaaaggca	4500
225	aacttgattc	tgtcgctact	gattacgggt	ctgctatcga	tggtttatt	gtgacgttt	4560
227	ccggcttgc	taatggtaat	gggtgtactg	gtgatttgc	tggctcta	tcccaatgg	4620
229	ctcaagtcgg	tgacggtgat	aattcacctt	taatgaataa	tttccgtcaa	tatttacctt	4680
231	ccctccctca	atcggttcaa	tgtcgccctt	ttgtcttgg	cccaatacgc	aaaccgcctc	4740
233	tccccgcgcg	ttggccgatt	cattaatgca	gctggcacga	caggttccc	gactgaaaag	4800
235	cgggcagtga	gcccacacgca	attaatgtga	gttagctcac	tcattaggca	ccccaggctt	4860
237	tacactttat	gcttccggct	cgtatgttgc	gtgaaattgt	gagcggataa	caatttcaca	4920
239	caggaaacag	ctatgaccat	gattacgcca	agttgcata	cctgcaggcc	cccagattag	4980
241	cctttcaat	ttcagaaaga	atgtaaacc	acagatgtt	agagaggctt	acgcagcagg	5040
243	tctcatcaag	acgatctacc	cgagcaataa	tctccaggaa	atcaaatacc	ttcccaagaa	5100
245	ggttaaagat	gcagtcaaaa	gattcaggac	taactgcata	aagaacacag	agaaagat	5160
247	atttctcaag	atcagaagta	ctattccat	atggacatt	caaggcttgc	ttcacaaacc	5220
249	aaggcaagta	atagagattt	gagtcataa	aaaggtat	cccaactgaat	caaagccat	5280
251	ggagtcaaag	attcaatag	aggaccta	agaactcgcc	gtaaagactg	gcgaacagtt	5340
253	catacagat	ctcttacgac	tcaatgaca	gaagaaaatc	ttcgtcaaca	tggtggagca	5400
255	cgacacactt	gtctactcca	aaaatata	agatacagtc	tcagaagacc	aaagggcaat	5460
257	tgagactttt	caacaaagg	taatatccgg	aaacccctc	ggattccatt	gcccagctat	5520
259	ctgtcacttt	attgtgaaga	tagtggaaaa	ggaagggtggc	tcctacaaat	gccatcatt	5580
261	cgataaaggaa	aaggccatcg	ttgaagatgc	ctctgcgcac	atgggtccca	aatggacc	5640
263	cccacccacg	aggagcatcg	tggaaaaaaga	agacgttcca	accacgttct	caaagcaat	5700
265	ggatgtatgt	gatatacc	ctgacgtaa	ggatgacgca	caatcccact	atcctcgca	5760
267	agacccttcc	tctatataag	gaagttcatt	tcattttggag	agaacacggg	ggactctaga	5820
269	ctcgaggaat	tctatggccg	ccaccacttgc	cttcttccct	tcctccct	5880	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,769

DATE: 01/26/2006

TIME: 08:53:41

Input Set : A:\u015739-4dec12.txt

Output Set: N:\CRF4\01262006\J531769.raw

271	cctcacgctc	tcccgcgctg	ccacccctcg	gatcgtaac	cgctgctcc	acaccgtgt	5940
273	ggcgccgccc	tccaaaggcg	acggccgccc	ggacgcggc	ggcgccagc	tcaactcg	6000
275	agactcctgg	accatcaac	tagaaccgg	caccaagggt	gcaaaaatct	ggcccgac	6060
277	cgactgctat	ttcgacgaca	gcggccgccc	catctgccc	accggcgact	gcggccgc	6120
279	cctccagtgc	aagcgcttc	gccggccccc	caccacgtg	gcccggttct	cgctcaacca	6180
281	gtacggcaag	gactacatcg	acatctccaa	catcaaaaggc	tcaacgtgc	cgatgactt	6240
283	cagcccgacc	acgcgcggct	gccgcggggt	cgccgtgcgc	gccgacatcg	tggggcagtg	6300
285	cccggcgaag	ctgaaggcgc	cgggggggtgg	ttgcaacgt	gcgtgcaccc	tgttccagac	6360
287	gagcggatgc	tgctgcacca	cggggaaagt	cgggccgac	gagtactcgc	gtttttcaa	6420
289	gaggcttgc	ccggacgcgt	tcagttatgt	cctggacaag	ccaaccacc	tcacctgccc	6480
291	cggcagctcc	aactacaggg	tcactttctg	ccctactgcc	cttgaacttg	aagacgagta	6540
293	agaggatgaa	gacggacact	gaggatacg	aataaaagaa	taagatgata	agcaattata	6600
295	tcaataaaaa	gggtacgtgg	tttacgtcg	gaaggcatca	gcttgggagg	aaaagtgtt	6660
297	taaaatatgt	gtgtgggat	tggctaatta	aactgtaaa	atataaataa	aagttctccg	6720
299	ttttgaggtg	tgcctgcagt	catgtttgac	agcttatcat	cgataagctt	ggatccgaat	6780
301	ttccccgatc	gttcaaacat	ttggcaataa	agtttcttaa	gattgaatcc	tgttcccg	6840
303	cttgcgatga	ttatcatata	atttctgttg	aattacgtt	agcatgtaat	aattacatg	6900
305	taatgcatga	cgttatttat	gagatgggtt	tttatgatta	gagtcccga	attatacatt	6960
307	taatacgcga	tagaaaacaa	aatatagcgc	gcaaactagg	ataaaattatc	gcgcgcgg	7020
309	tcatctatgt	tactagatcg	ggaattcact	ggccgtcg	ttacaacgtc	gtgactgg	7080
311	aaaccctggc	gttacccaa	ttaatcgcc	tgccagcacat	cccccttcc	ccagctggc	7140
313	taatagcgaa	gaggcccga	ccgatcgccc	ttcccaacag	ttgcgcagcc	tgaatggc	7200
315	ccgcctcc	cgcttcttc	ccttccttc	tcgccccgtt	cgccggctt	ccccgtcaag	7260
317	ctctaaatcg	ggggctcc	ttagggttcc	gatttagtgc	ttacggcac	ctcgacccca	7320
319	aaaaacttga	tttgggtgat	ggtcacgt	gtggccatc	gccctgata	acggttttc	7380
321	gccctttgac	gttggagtc	acgttcttta	atagtggact	cttggtaa	actggaa	7440
323	cactcaaccc	tatctcgggc	tattttttg	atttataagg	gattttgc	atttgcga	7500
325	caccatcaaa	caggatttc	gcctgctgg	gcaaacc	gtggaccg	tgctgca	7560
327	ctctcaggc	caggcggtga	agggaatca	gttgc	gtctca	tgaaaaaaa	7620
329	aaccacccca	gtacattaaa	aacgtccgca	atgtgttatt	aagttgtct	agcgtca	7680
331	tgttacacc	acaatata	ctgccaccag	ccagccaa	gctcccc	cgccagct	7740
333	gcacaaaatc	accactcgat	acaggcagc	catcagtcc	ggacggc	agcgggag	7800
335	ccgttgtaa	gcggcagact	ttgtctatgt	taccgt	attcggaa	acggcaact	7860
337	agctgcccgg	tttggaaacac	ggatgtatc	gcggagggt	gcatgtt	tgtaacgt	7920
339	acagagcg	gtgcctgt	atcaaata	atctccctcg	cagagatcc	aattatc	7980
341	cttcttattc	atttctcg	taaccgt	aggctgt	tcttggaa	tatgc	8040
343	taataggaaa	tcgctggata	aaggcgct	ggaagctg	tgccgt	tctttagaa	8100
345	tgaacgttga	cgatata	tccctatcc	attgtct	acc	ggtcggg	8160
347	ccgaagttcc	gactgtcggc	ctgtatcg	cccgctgat	cgaccc	tctggg	8220
349	agaaaagccca	gtaaggaa	aactgttag	tcgagtc	agatcccc	gaaccaa	8280
351	aagttaggtt	aaccgc	tcc	gatcagg	cc	ggccgaga	8340
353	gtaggcatcg	ggattggc	atcaa	aaagctact	gaac	gagc	8400
355	gccgccagtt	gccaggc	aaagg	gacgg	gagg	ttgcca	8460
357	agcacgg	cgaa	cc	ggcc	cc	ccgcac	8520
359	tctagcgt	cg	ttgg	gttgc	cc	gcaat	8580
361	cccaggaccg	ccat	caatcg	tatcgg	cc	gca	8640
363	atcagcgg	gcac	aggc	tac	ggc	ccggcagg	8700
365	ataaacaaca	agctcc	agaa	tagc	gat	gatc	8760
367	caccagattc	ccgtt	ggaa	atc	atc	aaacc	8820

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,769

DATE: 01/26/2006

TIME: 08:53:41

Input Set : A:\u015739-4dec12.txt
 Output Set: N:\CRF4\01262006\J531769.raw

369	gccccgagca	gcataccggc	gaccctcggt	cctcgctgtt	cgggctccac	aaaaacgccc	8880
371	gacagatgcg	ccttgtgagc	gtccttgggg	ccgtccctct	gttgaagac	cgacagccca	8940
373	atgatctcg	cgtcgatgt	ggcccgaaat	gccacggcat	ctcgcaaccg	ttcagcgaac	9000
375	gcctccatgg	gcttttctc	ctcggtctcg	taaacggacc	cgaacatctc	tggagcttcc	9060
377	ttcagggccg	acaatcggt	ctcgcgaaa	tcctgcacgt	cggccgctcc	aagccgtcga	9120
379	atctgagcct	taatcacaat	tgtcaatttt	aatcctctgt	ttatcggcag	ttcgttagagc	9180
381	gcgcgtgcg	tcccggagcg	tactgagcga	agcaagtgcg	tcgagcagtg	cccgcttgg	9240
383	cctgaaatgc	cagtaaagcg	ctggctgctg	aaccccccagc	cgaactgac	cccacaaggc	9300
385	cctagcg	tttgcacacc	aggtcatcat	tgaccaggc	gtgttccacc	aggccgctgc	9360
387	ctcgcaactc	ttcgcaggt	tcggcgacct	gctcgccca	cttcttcacg	cgggttggaa	9420
389	ccgatccgc	catgaggcg	aaggtttcca	gcttgagcgg	gtacggctcc	cggtgcgagc	9480
391	tgaaatagtc	gaacatccgt	cgggccgtcg	gcgacagctt	gcccgtactt	tcccatatga	9540
393	attcgtgt	gtggtcgcca	gcaaacagca	cgacgattt	ctcgctgatc	aggacactggc	9600
395	aacgggacgt	tttcttggca	cggtccagga	cgcggaaagcg	gtgcagcagc	gacaccgatt	9660
397	ccaggtgccc	aacgcgtcg	gacgtgaagc	ccatcgccgt	cgcctgttagg	cgcgcacaggc	9720
399	attcctcgcc	cttcgtgtaa	taccggccat	tgcgtaccca	gcccaggtcc	tggcaaagct	9780
401	cgtagaacgt	gaaggtgatc	ggctcgccga	taggggtgcg	cttcgcgtac	tccaaacacct	9840
403	gtgcacac	cagttcgta	tcgtcgccc	gcagctcgac	gcccgtgtag	gtgatcttca	9900
405	cgtcttgg	gacgtggaaa	atgaccttgc	tttgcagcgc	ctcgccgggg	attttcttgc	9960
407	tgcgcgtgt	gaacaggggca	gagcggggccg	tgcgtttgg	catcgctcg	atcggtccg	10020
409	gccacggcgc	aatatcgaa	aaggaaagct	gcatttctt	gatctgctgc	ttcggtgttt	10080
411	tcagcaacgc	ggcctgttgc	gcctcgctga	cctgtttgc	cagggtctcg	ccggccgttt	10140
413	ttcgcttctt	ggtcgtcata	gttcctcgcc	tgcgtatgg	catcgacttc	gccaacacgt	10200
415	ccgcctccgt	ttcgagacga	cgcgaacgct	ccacggccgc	cgcgtccgc	ggcaggccag	10260
417	ggggagccag	ttgcacgtcg	tcgcgtcg	tcttggccgt	agcttgcgtgg	accatcgagc	10320
419	cgacggactg	gaaggttgc	cgggggccgc	gcgcgtcg	gcccgtgtcg	atggtttccg	10380
421	cacccctcgcc	ggaaaacccc	gcgtcgatca	gttcttgcct	gtatgccttc	cggtcaaacg	10440
423	tccgattcat	tcacccttcc	tgccggattt	cccgactca	cgcgggggca	atgtgccctt	10500
425	attcctgatt	tgaccggcct	ggtgccttgg	tgcgtatgg	atccaccta	tcggcaatga	10560
427	agtccgtccc	gtagaccgtc	tggccgtctt	tctcgactt	ggtattccga	atcttgcctt	10620
429	gcacgaatac	cagcgacccc	ttgcccataat	acttgcgtg	ggcctcgcc	ttagagccaa	10680
431	aacacttgc	gccaaggaa	tcgtgtcgct	cctgctgtc	gcgggcac	ttgcggccaca	10740
433	tctaggtact	aaaacaattt	atccagttaa	atataatatt	ttatccatctt	ccaatcaggc	10800
435	ttgatcccc	gtaagtcaaa	aaatagctcg	acatactgtt	cttcccccgt	atcctccctg	10860
437	atcgaccgg	cgcagaaggc	aatgtcatac	cacttgcgt	ccctgcccgt	tctcccaaga	10920
439	tcaataaaagc	cacttactt	gcacatttt	acaaagatgt	tgcgtctcc	caggtgcgg	10980
441	tggaaaaga	caagttccctc	ttccggcttt	tccgtcttta	aaaaatcata	cagctcgcc	11040
443	ggatctttaa	atggagtgtc	ttttcccgag	tttcgtcaat	ccacatcgcc	cagatcgta	11100
445	ttcagtaagt	aatccaaatc	ggctaagcg	ctgtcttgc	tattcgat	gggacaatcc	11160
447	gatatgtcg	tggagtggaaa	gagcgtgtat	cactccgtat	acagctcgat	aatctttca	11220
449	gggtttgtt	catcttcata	ctttcccgag	caaaggacgc	cacggccctc	actcatgagc	11280
451	agattgtcc	agccatcatg	cggttcaaaag	tgcaggacct	ttggAACAGG	cagctttcc	11340
453	tccagccata	gcatcatgtc	ctttcccgat	tccacatcat	aggtggtccc	tttataccgg	11400
455	ctgtccgtca	tttttaataa	taggtttca	ttttctccca	ccagcttata	taccttagca	11460
457	ggagacattc	cttccgtatc	ttttacgcag	cgttattttt	cgatcagttt	tttcaattcc	11520
459	ggtgatattc	tcatttttagc	catttattat	ttccttcctc	ttttctacag	tatattaaaga	11580
461	taccccaaga	agctaattat	aacaagacga	actccaattt	actgttccct	gcattctaaa	11640
463	accttaaata	ccagaaaaca	gcttttcaa	agttgttttc	aaagttggcg	tataacatag	11700
465	tatcgacgga	gccgatttttgc	aaaccacaat	tatgggtgat	gctgccaact	tactgattt	11760

VERIFICATION SUMMARY DATE: 01/26/2006
PATENT APPLICATION: US/10/531,769 **TIME:** 08:53:42

Input Set : A:\u015739-4dec12.txt
Output Set: N:\CRF4\01262006\J531769.raw